

**Minutes**  
**State Election Commission Meeting**  
**October 13, 2014**

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The State Election Commission meeting was called to order by Chairman Judy Blackburn at 1:12 p.m., Central Standard Time, October 13, 2014. The following members and staff were present: Chairman Blackburn; Commissioners Head, Wallace, Wheeler and Younce; Coordinator of Elections Mark Goins, and Kathy Summers, Elections Specialist.

Commissioner Wheeler made a motion to adopt the minutes from July 14, 2014, Commissioner Wallace seconded the motion and the minutes were unanimously approved. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Wheeler made a motion to adopt the minutes from September 15, 2014, telephonic meeting, Commissioner Younce seconded the motion and the minutes were unanimously approved. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Wheeler made a motion to adopt the minutes from September 29, 2014, telephonic meeting, Commissioner Wallace seconded the motion and the minutes were unanimously approved. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Wheeler made a motion pursuant to T.C.A. § § 2-12-101 and 2-12-106, seconded by Commissioner Wallace and unanimously approved by the commission to accept the nomination(s) for county election commission appointments as submitted, and to leave the nomination process open until 4:30 p.m. Central Standard Time Monday, October 13, 2014. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.) **(See attached list of appointments made.)**

**Old Business**

- None

**New Business**

- **ES&S – Viewing of Express Vote Universal Voting System EVS – 5.2.0.0** – The presentation was conducted by Ben Swartz, Steve Pearson and Mac Beeson. Handout information provided by ES&S is attached to the minutes.

ES&S will work with the State Election Commission to set up a viewing of the voting machine in an election which meets the requirements for viewing voting machines outside of Tennessee.

The State Election Commission is going to review the machine certification policy at their meeting in January.

- **Certification of those Administrators of Elections who passed the certification test given on September 29, 2014.** Coordinator Goins advised the two administrators who took the certification test passed the test given on September 29, 2014.

A motion was made by Commissioner Wallace and seconded by Commissioner Younce. The motion was unanimously approved to certify those passing the certification exam. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.) The following counties were certified:

County	Administrator
Hardin	Jeannette Cronise
Sequatchie	Jerrie Hickey

- **Statewide Candidate List** – A list of candidates for Governor, United States Senate, United States House of Representatives, Tennessee Senate, and Tennessee House of Representatives was provided to the commission members. A copy of this listed is attached to the minutes.
- **Sumner County Election Commission** – Commissioner Head discussed a complaint he received regarding the Sumner County Election Commissions use of a specific colored t-shirt for poll officials. Commissioner Head sees this use as a symbol and considers this the same as a candidate's hat with the candidate's name on the hat. The county is using a red t-shirt. Commissioner Head believes the use of one color gives the appearance of supporting a specific party or candidate.

A motion was made by Commissioner Head and seconded by Commissioners Wheeler and Younce and unanimously approved to send a letter to the Sumner County Election Commission and the Administrator of Elections request to cease the practice of wearing a specific t-shirt. (Aye votes: Blackburn, Head, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

- **Certification of Voter Registration Vendors** – Commissioner Younce discussed the legislation which requires the coordinator of elections and the state election commission to certify each voter registration system for purchase and use in the state. The members discussed reviewing software vendors starting in January 2015 and begin the review alphabetically. Any vendor not reviewed in January will be reviewed in April.

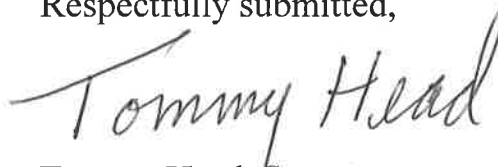
### Coordinator Update

- **GoVoteTN - Mobile App** – Coordinator Goins provided the commissioners with information on the new GoVoteTN mobile app. The app is free and will include early voting and Election Day polling locations and hours of operation, candidate list for upcoming election and the ability for the voter to mark sample ballots. The voter will also be able to access online election results through the application on election night.

The next regularly scheduled meeting is January 12, 2015. The meeting will be held in the William R. Snodgrass – Tennessee Tower, Nashville Room - 3<sup>rd</sup> floor at 12:00 Noon Central Standard Time.

Chairman Blackburn adjourned the meeting.

Respectfully submitted,

A handwritten signature in dark ink that reads "Tommy Head". The signature is written in a cursive, flowing style.

Tommy Head, Secretary  
State Election Commission

# Vacant Status

13-Oct-14

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## Anderson

D Tom Wheeler  
R Kent Younce

R

## Cumberland

D Tommy Head  
R Kent Younce

R

## Houston

D Greg Duckett  
R Donna Barrett

D

**Total Vacancies: 3**

# New Appointment Status

14-Oct-14

		Appointment
<b>Cumberland</b>	D Tommy Head / R Kent Younce	
	R Shirley Carlyn Maynard	10/13/2014
<b>Houston</b>	D Greg Duckett / R Donna Barrett	
	D John Nichols	10/13/2014
<b>Total New Commissioners: 2</b>		



Tuesday, July 8, 2014

Mr. Mark Goins  
Division of Elections  
Tennessee Department of State  
312 Rosa L. Parks Avenue  
7<sup>th</sup> Floor, William R. Snodgrass Tower  
Nashville, TN 37243

**RE: Request for State Certification of Election Systems & Software's EVS 5.2.0.0 Release**

Dear Mr. Goins:

Election Systems & Software's (ES&S) is pleased to present the Tennessee Department of State and State Election Commission with our request for State Certification of the EVS 5.2.0.0 Voting System. On July 2, 2014, the Election Assistance Commission (EAC) granted certification of the EVS 5.2.0.0 voting system with a certification number of *ESSEVS5200* and a Certificate of Conformance to the *2005 Voluntary Voting System Guidelines (VVSG)*.

The EVS 5.2.0.0 release provides Tennessee jurisdictions with ES&S' new ExpressVote Universal Voting System along with DS200, DS850, AutoMARK, and ElectionWare software enhancements. Below is a table representing the changes in version numbers from the previous state certified EVS 5.0.0.0 release and on the subsequent page is a short summary of the featured enhancements of the EVS 5.2.0.0 release.

<b>Tennessee</b>			
<b>State Certification of EVS 5.2.0.0</b>			
EAC Certified: 7/2/2014 (ESSEVS5200) Compliance: 2005 VVSG			
		<b>EVS 5.0.0.0</b>	<b>EVS 5.2.0.0</b>
<b>Election Management System (EMS)</b>	ElectionWare	4.1.0.0	4.6.0.0
	Event Log Service	1.5.0.0	1.5.5.0
	Removable Media Service	1.4.0.0	1.4.5.0
	Election Reporting Manager (ERM)	8.6.0.0	8.11.0.0
	VAT Previewer	1.8.1.0	1.8.6.0
	ExpressVote Previewer	NA	1.4.0.0
<b>ES&amp;S Tabulators</b>	DS200 Precinct Tabulator (HW 1.2, 1.3)	2.7.0.0	2.12.0.0
	DS850 Central Tabulator (HW 1.0)	2.4.0.0	2.10.0.0
<b>Voter Assist Terminal</b>	AutoMARK (HW 1.0, 1.1, & 1.3)	1.8.1.0	1.8.6.0
<b>Universal Voting System</b>	ExpressVote (HW 1.0)	NA	1.4.0.0

Below is a brief summary of the products being submitted for State Certification consideration. Please refer to the System Overview or System Operation Manuals located within the Technical Data Package for additional details pertaining to the products or the EVS 5.2.0.0 voting system.

#### **New Product**

EVS 5.2.0.0 features ES&S' newest product, the ExpressVote Universal Voting System. The ExpressVote was designed to be used in elections by all voters, including individuals with disabilities. The ExpressVote Universal Voting System is a solution that provides voters with disabilities the same voting experience as other voters and election officials with a paper trail for auditing/canvassing while using touch screen technology. Once a voting session is completed on the ExpressVote, the voter simply takes their printed card to the DS200 precinct tabulator for tabulation or to a ballot bin for later tabulation on the DS850. Built into the ExpressVote firmware is the capability to enable a QR Code scanner which allows voters to make their selections at home using ES&S' Ballot On-Line application prior to coming to their polling location on Election Day to cast their ballot.

#### **Election Management System (EMS)**

ElectionWare featured enhancements include suppressing specific contests in a recount election and the added functionality to generate ballot images and associated Cast Vote Records acquired in ElectionWare.

#### **ES&S' Tabulators**

DS200 hardware enhancements include support for new internal components as a result of some hardware components going end-of-life. The DS200 firmware introduces the ability to scan and tabulate ExpressVote cards, customize or disable lengthy early voting ballot style reports, and enhanced ballot throughput. DS850 firmware enhancements include the ability to scan and tabulate ExpressVote cards, advanced options for customizing sorting of ballots in the output trays, and the fulfillment of user requests on the various reports.

Included with this cover letter is a CD-ROM containing the National Technical Systems (NTS) Test Report, EAC certification documentation, financial report, and ES&S' Technical Data Package which includes the company overview, applicable product brochures, system overview, product maintenance manuals, and system operations manuals.

After reviewing this request for certification, ES&S respectfully requests being added to the State Election Commission's agenda for the upcoming board meeting scheduled for Monday, October 13<sup>th</sup> in order to demonstrate the EVS 5.2.0.0 release to the Department of State and the State Election Commissioners.

If you require additional documentation or information, please do not hesitate to contact me via telephone at 402-970-1143 or email at brswartz@essvote.com.

Sincerely,



Benjamin Swartz  
TN State Certification Manager  
Election Systems & Software, LLC

cc: Mr. Steve Pearson, Vice President – Voting Systems, ES&S

encl: CD-ROM (Technical Data Package)  
Product Brochures

## Kathy Summers

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**From:** Swartz, Benjamin <brswartz@essvote.com>  
**ent:** Tuesday, July 08, 2014 5:04 PM  
**To:** Mark Goins  
**Cc:** Kathy Summers; Pearson, Steve  
**Subject:** TN Request for Certification of EVS 5.2.0.0  
**Attachments:** 20140708\_TN EVS5200 Request for Certification.pdf

\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - OIR-Security. \*\*\*

Good Afternoon Mark,

Election Systems & Software (ES&S) is pleased to present the Tennessee Department of State the attached request to state certify the EAC Certified EVS 5.2.0.0 release featuring our new ExpressVote Universal Voting System. In addition to the ExpressVote, EVS 5.2.0.0 provides firmware and software enhancements to the EVS 5.0.0.0 release that was Tennessee state certified last year.

Being sent to your attention (UPS Tracking Number - 1ZEW73400191290613) is a hard copy of the attached request for certification along with the applicable EAC documentation, NTS test report, and Technical Data Package (TDP). If additional information is needed, please do not hesitate to contact me.

After reviewing our request for certification, ES&S respectfully requests scheduling a demonstration of the EVS 5.2.0.0 release at the next available State Election Commission's board meeting on October 13<sup>th</sup>. At your earliest convenience, please confirm that our certification request has been accepted and we may proceed in making plans to demonstrate EVS 5.2.0.0 in Nashville at the October 13<sup>th</sup> board meeting.

Assuming the above request is accepted, we would also like to present to you the new ExpressPoll tablet either following the Commissioner's meeting or on the next day, if your schedule is open.

As always, please do not hesitate to contact me with any questions, concerns, or requests for additional information.

Sincerely,

Benjamin Swartz  
Election Systems & Software  
State Certification Manager  
[brswartz@essvote.com](mailto:brswartz@essvote.com)  
402-970-1143





# **Tennessee Secretary of State** Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

## **Candidates for the November 4, 2014 General Election**

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Governor	Republican	11/4/2014	Bill Haslam	7112 Sherwood Drive	Knoxville	37919
Governor	Democratic	11/4/2014	Charles V. "Charlie" Brown	1008 Pine Orchard Road	Oakdale	37829
Governor	Constitution*	11/4/2014	Shaun Crowell	2257 Hayward Lane	Spring Hill	37174
Governor	Green*	11/4/2014	Isa Infante	539 McConnell Street, #12	Knoxville	37915
Governor	Independent	11/4/2014	Steven Damon Coburn	1651 Paran Road	Cookeville	38506
Governor	Independent	11/4/2014	John Jay Hooker	115 Woodmont Boulevard, Apt. 622	Nashville	37205
Governor	Independent*	11/4/2014	Daniel T. Lewis	611 Brooksboro Terrace	Nashville	37217
United States Senate	Republican	11/4/2014	Lamar Alexander	1453 West Millers Cove Road	Walland	37886
United States Senate	Democratic	11/4/2014	Gordon Ball	7001 Old Kent Drive	Knoxville	37919
United States Senate	Constitution*	11/4/2014	Joe Wilmoth	10889 Nashville Highway	Baxter	38544
United States Senate	Green*	11/4/2014	Martin Pleasant	4737 Reed Lane	Knoxville	37920
United States Senate	Independent	11/4/2014	Tom Emerson, Jr.	168 Claire Drive	Atoka	38004
United States Senate	Independent	11/4/2014	Edmund L. Gauthier	200 North Scenic Shore Drive	Dover	37058
United States Senate	Independent	11/4/2014	Joshua James	5353 Candy Cane Court	Murfreesboro	37129
United States Senate	Independent	11/4/2014	Danny Page	119 Briarwood Drive	Greenbrier	37073
United States Senate	Independent	11/4/2014	Bartholomew J. Phillips	4888 Clarksville Highway	Nashville	37189
United States Senate	Independent	11/4/2014	C. Salekin	1735 Lascassas Pike, #336	Murfreesboro	37130
United States Senate	Independent	11/4/2014	Eric Schechter	807 18th Avenue South, Apt. 207	Nashville	37203
United States Senate	Independent	11/4/2014	Rick Tyler	1224 Highway 64	Ocoee	37361
United States House of Representatives District 1	Republican	11/4/2014	Phil Roe	2 North Crossbow Lane	Johnson City	37604
United States House of Representatives District 1	Green*	11/4/2014	Robert N. Smith	6565 Lonesome Pine Trail	Greeneville	37745
United States House of Representatives District 1	Independent	11/4/2014	Robert D. Franklin	239 Franklin Lane	Elizabethton	37643
United States House of Representatives District 1	Independent	11/4/2014	Michael D. Salyer	135 East Main Boulevard	Church Hill	37642
United States House of Representatives District 2	Republican	11/4/2014	John J. Duncan, Jr.	12103 Butternut Circle	Knoxville	37934
United States House of Representatives District 2	Democratic	11/4/2014	Bob Scott	2216 Delta Way	Knoxville	37919
United States House of Representatives District 2	Green*	11/4/2014	Norris Dryer	133 South Central #202	Knoxville	37902
United States House of Representatives District 2	Independent	11/4/2014	Casey Adam Gouge	145 Martha Neoma Street	Maryville	37804
United States House of Representatives District 3	Republican	11/4/2014	Chuck Fleischmann	8714 Rambling Rose Drive	Ooltewah	37363

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

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Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
United States House of Representatives District 3	Democratic	11/4/2014	Mary M. Headrick	660 Hurricane Hollow Road	Maynardville	37807
United States House of Representatives District 3	Independent	11/4/2014	Cassandra J Mitchell	229 Old Jacksboro Pike	Heiskell	37754
United States House of Representatives District 4	Republican	11/4/2014	Scott Deslarlais	639 Sweetens Cove Road	South Pittsburg	37380
United States House of Representatives District 4	Democratic	11/4/2014	Lenda Sherrell	1736 Timberwood Trace	Monteagle	37356
United States House of Representatives District 4	Independent	11/4/2014	Robert Rankin Doggart	183 Fern Mist Trail	Signal Mountain	37377
United States House of Representatives District 5	Republican	11/4/2014	Bob Ries	600 9th Avenue South	Nashville	37203
United States House of Representatives District 5	Democratic	11/4/2014	Jim Cooper	2321 Woodmont Boulevard	Nashville	37215
United States House of Representatives District 5	Independent	11/4/2014	Paul Deakin	1512A Sweetbriar Avenue	Nashville	37212
United States House of Representatives District 6	Republican	11/4/2014	Diane Black	819 Plantation Boulevard	Gallatin	37066
United States House of Representatives District 6	Democratic	11/4/2014	Amos Scott Powers	59 Bald Knob Mountain Road	Doyle	38559
United States House of Representatives District 6	Independent	11/4/2014	Mike Winton	57 Lexington Circle	Manchester	37355
United States House of Representatives District 7	Republican	11/4/2014	Marsha Blackburn	6103 Murray Lane	Brentwood	37027
United States House of Representatives District 7	Democratic	11/4/2014	Daniel Cramer	449 Winding Bluff Way	Clarksville	37040
United States House of Representatives District 7	Independent	11/4/2014	Leonard D. Ladner	293 Longbranch Road	Hohenwald	38462
United States House of Representatives District 8	Republican	11/4/2014	Stephen Lee Fincher	12313 Johnson Grove Road	Halls	38040
United States House of Representatives District 8	Democratic	11/4/2014	Wes Bradley	285 Lampkins Road	Cottage Grove	38224
United States House of Representatives District 8	Constitution*	11/4/2014	Mark Rawles	59 Pueblo Cove	Jackson	38305
United States House of Representatives District 8	Independent	11/4/2014	James Hart	155 Spring Valley Lane	Buchanan	38222
United States House of Representatives District 9	Republican	11/4/2014	Charlotte Bergmann	3800 Skipping Stone Trace	Memphis	38125
United States House of Representatives District 9	Democratic	11/4/2014	Steve Cohen	349 Kenilworth Street	Memphis	38112
United States House of Representatives District 9	Independent	11/4/2014	Floyd Wayne Alberson	655 Walnut Valley Lane	Cordova	38016
United States House of Representatives District 9	Independent	11/4/2014	Herbert Bass	3991 Bordeaux Creek Cove	Memphis	38125
United States House of Representatives District 9	Independent	11/4/2014	Paul Cook	1407 Charles Bryan Road	Cordova	38018
Tennessee Senate District 1	Republican	11/4/2014	Steve Southerland	4648 Harbor Drive	Morristown	37814
Tennessee Senate District 3	Republican	11/4/2014	Rusty Crowe	808 East 8th Avenue	Johnson City	37601
Tennessee Senate District 5	Republican	11/4/2014	Randy McNally	94 Royal Troon	Oak Ridge	37830
Tennessee Senate District 7	Republican	11/4/2014	Richard Briggs	11631 Lanesborough Way, #913	Knoxville	37934
Tennessee Senate District 7	Democratic	11/4/2014	Cheri K. Siler	5507 Shannondale Road	Knoxville	37918

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



# **Tennessee Secretary of State** Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

## **Candidates for the November 4, 2014 General Election**

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee Senate District 9	Republican	11/4/2014	Mike Bell	261 County Road 757	Riceville	37370
Tennessee Senate District 11	Republican	11/4/2014	Bo Watson	1607 Gunston Hall Road	Hixson	37343
Tennessee Senate District 13	Republican	11/4/2014	Bill Ketron	2510 Blanton's Pointe	Murfreesboro	37129
Tennessee Senate District 15	Republican	11/4/2014	Paul Bailey	252 Lowery Road	Sparta	38583
Tennessee Senate District 15	Democratic	11/4/2014	Betty Vaudt	63 Eastgate Circle, Apt. C	Cookeville	38506
Tennessee Senate District 15	Independent	11/4/2014	William L. Draper	716 Lakeview Drive	Gainesboro	38562
Tennessee Senate District 17	Republican	11/4/2014	Mae Beavers	2020 Hunters Place	Mt. Juliet	37122
Tennessee Senate District 19	Republican	11/4/2014	Sterlina Inez Brady	1811 Knowles Street	Nashville	37208
Tennessee Senate District 19	Democratic	11/4/2014	Thelma M. Harper	4955 Clarksville Pike	Whites Creek	37189
Tennessee Senate District 19	Independent	11/4/2014	George Thomas	4120 Buena View Court	Nashville	37218
Tennessee Senate District 21	Republican	11/4/2014	Diana Cuellar	724 Huntington Parkway	Nashville	37211
Tennessee Senate District 21	Democratic	11/4/2014	Jeff Yarbro	144 51st Avenue North	Nashville	37209
Tennessee Senate District 23	Republican	11/4/2014	Jack Johnson	3161 McMillan Road	Franklin	37064
Tennessee Senate District 23	Green*	11/4/2014	Amy H. Balderrama	5311 Leipers Creek Road	Franklin	37064
Tennessee Senate District 25	Republican	11/4/2014	Kerry Roberts	6142 Highway 49 East	Springfield	37172
Tennessee Senate District 25	Democratic	11/4/2014	Tony Gross	310 Maple Street	Kingston Springs	37082
Tennessee Senate District 27	Republican	11/4/2014	Ed Jackson	25 Wyndhurst	Jackson	38305
Tennessee Senate District 27	Democratic	11/4/2014	Randy Lamb	54 Weatheridge Drive	Jackson	38305
Tennessee Senate District 27	Constitution*	11/4/2014	Tim York	216 Edenwood Drive	Jackson	38301
Tennessee Senate District 27	Independent	11/4/2014	James A. Baxler	34 Valleyfield Cove	Jackson	38305
Tennessee Senate District 29	Republican	11/4/2014	James R. "Jim" Finney	3256 Lucibel Lane	Memphis	38116
Tennessee Senate District 29	Democratic	11/4/2014	Lee Harris	968 River Landing Drive	Memphis	38103
Tennessee Senate District 30	Republican	11/4/2014	George Shea Flinn	6019 Wood Trail Drive	Memphis	38120
Tennessee Senate District 30	Democratic	11/4/2014	Sara Kyle	6421 Old Orchard Cove	Memphis	38119
Tennessee Senate District 30	Independent	11/4/2014	David W. Vinciarelli	1557 Lookout Drive	Memphis	38127
Tennessee Senate District 31	Republican	11/4/2014	Brian Kelsey	1935 Rowan Lane	Germantown	38138
Tennessee Senate District 33	Democratic	11/4/2014	Reginald Tate	3422 Tournament Drive	Memphis	38125
Tennessee House of Representatives District 1	Republican	11/4/2014	Jon C. Lundberg	212 Skyline Drive	Bristol	37620

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 2	Republican	11/4/2014	Bud Hulsey	1913 Seaver Road	Kingsport	37660
Tennessee House of Representatives District 2	Independent	11/4/2014	J.R. Enfield	213 Worthington Drive	Kingsport	37663
Tennessee House of Representatives District 3	Republican	11/4/2014	Timothy Hill	210 Spring Street, #G1	Blountville	37617
Tennessee House of Representatives District 4	Republican	11/4/2014	John B. Holsclaw, Jr.	2175 Dave Buck Road	Johnson City	37601
Tennessee House of Representatives District 4	Democratic	11/4/2014	Rob Martin	248 Opekiska Street	Erwin	37650
Tennessee House of Representatives District 5	Republican	11/4/2014	David B. Hawk	407 Crockett Lane	Greeneville	37745
Tennessee House of Representatives District 5	Independent	11/4/2014	Kermit E. Steck	1830 Wattenbarger Gap Road	Greeneville	37745
Tennessee House of Representatives District 6	Republican	11/4/2014	James (Micah) Van Huss	189 Cedar Point Road, Unit #3	Johnson City	37601
Tennessee House of Representatives District 7	Republican	11/4/2014	Matthew Hill	114 Royal Oaks Drive	Jonesborough	37659
Tennessee House of Representatives District 8	Republican	11/4/2014	Art Swann	1507 South Court Street	Maryville	37803
Tennessee House of Representatives District 9	Republican	11/4/2014	Mike Harrison	115 Green Acres Drive	Rogersville	37857
Tennessee House of Representatives District 10	Republican	11/4/2014	Tilman Goins	536 Valley View Drive	Morristown	37813
Tennessee House of Representatives District 11	Republican	11/4/2014	Jeremy Faison	1009 Country Mountain Road	Newport	37821
Tennessee House of Representatives District 11	Democratic	11/4/2014	Marjorie J. Ramsey	2295 Highway 160	Newport	37821
Tennessee House of Representatives District 11	Independent	11/4/2014	Roland A. Dykes III	260 Dykes Street	Newport	37821
Tennessee House of Representatives District 12	Republican	11/4/2014	Dale Carr	2150 Murphys Chapel Drive	Sevierville	37862
Tennessee House of Representatives District 13	Republican	11/4/2014	Eddie Smith	1508 Charles Drive	Knoxville	37918
Tennessee House of Representatives District 13	Democratic	11/4/2014	Gloria Johnson	2506 Brice Street	Knoxville	37917
Tennessee House of Representatives District 14	Republican	11/4/2014	Ryan A. Haynes	8614 Ashbourne Way	Knoxville	37923
Tennessee House of Representatives District 15	Democratic	11/4/2014	Joseph "Joe" Armstrong	4708 Hilldale Drive	Knoxville	37914
Tennessee House of Representatives District 15	Independent	11/4/2014	Pete Drew	4121 Holston Drive	Knoxville	37914
Tennessee House of Representatives District 16	Republican	11/4/2014	Bill Dunn	5309 La Vesta Road	Knoxville	37918
Tennessee House of Representatives District 17	Republican	11/4/2014	Andrew E. Farmer	2130 Allenridge Drive	Sevierville	37876
Tennessee House of Representatives District 18	Republican	11/4/2014	Martin Daniel	1834 Duncan Woods Lane	Knoxville	37919
Tennessee House of Representatives District 19	Republican	11/4/2014	Harry Brooks	6600 Washington Pike	Knoxville	37918
Tennessee House of Representatives District 20	Republican	11/4/2014	Bob Ramsey	2120 Middlewood Drive	Maryville	37803
Tennessee House of Representatives District 20	Democratic	11/4/2014	John Ross Conley	3626 Big Springs Ridge Road	Friendsville	37737
Tennessee House of Representatives District 21	Republican	11/4/2014	Jimmy Matlock	190 Matlock Road	Lenoir City	37771

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

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Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 21	Democratic	11/4/2014	Pamela O. Weston	1306 Sweetwater Vonore Road	Sweetwater	37874
Tennessee House of Representatives District 22	Republican	11/4/2014	Dan Howell	252 Chestoe Trail Northwest	Georgetown	37336
Tennessee House of Representatives District 23	Republican	11/4/2014	John W. Forgety	120 County Road 447	Athens	37303
Tennessee House of Representatives District 24	Republican	11/4/2014	Kevin D. Brooks	285 Stonewood Drive Northwest	Cleveland	37311
Tennessee House of Representatives District 25	Republican	11/4/2014	Cameron Sexton	186 Homestead Drive	Crossville	38555
Tennessee House of Representatives District 25	Democratic	11/4/2014	Judy Barnett	638 Crestview Loop	Crossville	38571
Tennessee House of Representatives District 26	Republican	11/4/2014	Gerald McCormick	1102 Dartmouth Street	Chattanooga	37405
Tennessee House of Representatives District 27	Republican	11/4/2014	Patsy Hazlewood	19 Northfield Road	Signal Mountain	37377
Tennessee House of Representatives District 27	Democratic	11/4/2014	Eric McRoy	3535 Mountain Creek Road, Apt. 403	Chattanooga	37415
Tennessee House of Representatives District 28	Democratic	11/4/2014	JoAnne Favors	2441 Meade Circle	Chattanooga	37406
Tennessee House of Representatives District 29	Republican	11/4/2014	Mike Carter	3306 Ooltewah Ringgold Road	Ooltewah	37363
Tennessee House of Representatives District 30	Republican	11/4/2014	Marc Gravitt	1511 South Smith Street	East Ridge	37412
Tennessee House of Representatives District 31	Republican	11/4/2014	Ron Travis	1318 Armstrong Ferry Road	Dayton	37321
Tennessee House of Representatives District 32	Republican	11/4/2014	Kent Calfee	476 Dogwood Valley Road	Kingston	37763
Tennessee House of Representatives District 32	Democratic	11/4/2014	Joe Kneiser	310 Roddy Lane	Harriman	37748
Tennessee House of Representatives District 33	Republican	11/4/2014	John D. Ragan	119 Morningside Drive	Oak Ridge	37830
Tennessee House of Representatives District 34	Republican	11/4/2014	Rick Womick	6015 Highway 99	Rockvale	37153
Tennessee House of Representatives District 35	Republican	11/4/2014	Jerry Sexton	2165 Broadway Drive	Bean Station	37708
Tennessee House of Representatives District 36	Republican	11/4/2014	Dennis H. Powers	139 Preston Circle	Jacksboro	37757
Tennessee House of Representatives District 36	Democratic	11/4/2014	James Virgil Kidwell	1011 West Walden Street	Lafollette	37766
Tennessee House of Representatives District 37	Republican	11/4/2014	Dawn White	1522 Riverview Drive	Murfreesboro	37129
Tennessee House of Representatives District 38	Republican	11/4/2014	Kelly T. Keisling	1042 Cordell Hull Memorial Drive	Byrdstown	38549
Tennessee House of Representatives District 39	Republican	11/4/2014	David Alexander	512 South High Street	Winchester	37398
Tennessee House of Representatives District 39	Democratic	11/4/2014	Matthew Hufler	1544 Motlow College Road	Normandy	37360
Tennessee House of Representatives District 40	Republican	11/4/2014	Terri Lynn Weaver	100 Seabowisha Lane	Lancaster	38569
Tennessee House of Representatives District 40	Democratic	11/4/2014	Sarah Marie Smith	120 Ervin Drive	Carthage	37030
Tennessee House of Representatives District 41	Democratic	11/4/2014	John Mark Windle	117 Calvin Street	Livingston	38570
Tennessee House of Representatives District 42	Republican	11/4/2014	Ryan Williams	570 Pleasant Hill Drive	Cookeville	38501

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 42	Democratic	11/4/2014	Mike Walsh	3526 Gra-Mar Drive	Cookeville	38506
Tennessee House of Representatives District 43	Republican	11/4/2014	Robert F. Dunham	10290 Smithville Highway	Sparta	38583
Tennessee House of Representatives District 43	Democratic	11/4/2014	Kevin Dunlap	268 Hermitage Hill Lane	Rock Island	38581
Tennessee House of Representatives District 43	Independent	11/4/2014	Edward Leon Buck	8504 Old Kentucky Road	Sparta	38583
Tennessee House of Representatives District 44	Republican	11/4/2014	William Lamberth	1002 Angus Court	Cottontown	37048
Tennessee House of Representatives District 45	Republican	11/4/2014	Courtney L. Rogers	432 Chickasaw Trail	Goodlettsville	37072
Tennessee House of Representatives District 45	Democratic	11/4/2014	Steven D. Puckett, Jr.	228 Sanders Ferry Road, Apt. #A-21	Hendersonville	37075
Tennessee House of Representatives District 46	Republican	11/4/2014	Mark A. Pody	505 Windham Trail	Lebanon	37090
Tennessee House of Representatives District 46	Democratic	11/4/2014	Candace Reed	3222 Briarhill Court	Lebanon	37087
Tennessee House of Representatives District 47	Republican	11/4/2014	Judd Matheny	398 Vanguard Lane	Tallahoma	37388
Tennessee House of Representatives District 48	Republican	11/4/2014	Bryan Terry	2306 Black Fox Court	Murfreesboro	37127
Tennessee House of Representatives District 48	Democratic	11/4/2014	William Bill Campbell	819 Templeton Lane	Murfreesboro	37130
Tennessee House of Representatives District 49	Republican	11/4/2014	Mike Sparks	114 Woodland Drive	Smyrna	37167
Tennessee House of Representatives District 49	Democratic	11/4/2014	Mike Williams	119 Hunters Lane	Smyrna	37167
Tennessee House of Representatives District 50	Republican	11/4/2014	Troy Brewer	6612 Autumnwood Drive	Nashville	37221
Tennessee House of Representatives District 50	Democratic	11/4/2014	Bo Mitchell	6421 River Place Drive	Nashville	37221
Tennessee House of Representatives District 51	Republican	11/4/2014	Brian L. Mason	178 2nd Avenue North, Apt. 102	Nashville	37201
Tennessee House of Representatives District 51	Democratic	11/4/2014	Bill Beck	808 Broadmoor Drive	Nashville	37216
Tennessee House of Representatives District 52	Democratic	11/4/2014	Mike Stewart	412 North 16th Street	Nashville	37206
Tennessee House of Representatives District 53	Republican	11/4/2014	John Wang	324 Cedar Creek Drive	Nashville	37211
Tennessee House of Representatives District 53	Democratic	11/4/2014	Jason Powell	371 Lynn Drive	Nashville	37211
Tennessee House of Representatives District 53	Independent	11/4/2014	Tonya Miller	2802 Ennis Road	Nashville	37210
Tennessee House of Representatives District 54	Democratic	11/4/2014	Brenda Gilmore	3009 Vista Valley Court	Nashville	37218
Tennessee House of Representatives District 54	Green*	11/4/2014	Martin Holsinger	5155 Drakes Branch Road	Nashville	37218
Tennessee House of Representatives District 55	Democratic	11/4/2014	John Ray Clemmons	2501 Oakland Avenue	Nashville	37212
Tennessee House of Representatives District 56	Republican	11/4/2014	Beth Harwell	413 West Tyne Drive	Nashville	37205
Tennessee House of Representatives District 56	Democratic	11/4/2014	Chris Moth	2020 Overhill Drive	Nashville	37215
Tennessee House of Representatives District 57	Republican	11/4/2014	Susan M Lynn	1009 Cedar Creek Village Road	ML Juliet	37122

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.



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Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 57	Democratic	11/4/2014	Jesse McLevain	995 York Road	Mt. Juliet	37122
Tennessee House of Representatives District 58	Democratic	11/4/2014	Harold M. Love	2516 Buchanan Street	Nashville	37208
Tennessee House of Representatives District 59	Democratic	11/4/2014	Sherry Jones	4947 Sherman Oaks Drive	Nashville	37211
Tennessee House of Representatives District 60	Republican	11/4/2014	Jim Giotto	5108 John Hager Road	Hermitage	37076
Tennessee House of Representatives District 60	Democratic	11/4/2014	Darren Jernigan	4837 Rainer Drive	Old Hickory	37138
Tennessee House of Representatives District 61	Republican	11/4/2014	Charles M. Sargent, Jr.	117 Ashton Park Boulevard	Franklin	37067
Tennessee House of Representatives District 62	Republican	11/4/2014	Pat Marsh	2105 Highway 130 East	Shelbyville	37160
Tennessee House of Representatives District 63	Republican	11/4/2014	Glen Casada	3144 Natoma Circle	Thompson's Station	37179
Tennessee House of Representatives District 64	Republican	11/4/2014	Sheila Butt	3870 Albert Matthews Road	Columbia	38401
Tennessee House of Representatives District 64	Independent	11/4/2014	James Gray	210 5th Avenue	Columbia	38401
Tennessee House of Representatives District 65	Republican	11/4/2014	Jeremy Durham	802 Founders Pointe Boulevard	Franklin	37064
Tennessee House of Representatives District 65	Democratic	11/4/2014	Bill Peach	192 Hillhaven Lane	Franklin	37064
Tennessee House of Representatives District 66	Republican	11/4/2014	Sabi (Doc) Kumar	2923 Old Highway 431	Springfield	37172
Tennessee House of Representatives District 67	Democratic	11/4/2014	Joe Pitts	544 Hay Market Road	Clarksville	37043
Tennessee House of Representatives District 67	Constitution *	11/4/2014	Mike Warner	447 Winding Way Road	Clarksville	37043
Tennessee House of Representatives District 68	Republican	11/4/2014	Curtis Johnson	2599 Memorial Drive	Clarksville	37043
Tennessee House of Representatives District 69	Republican	11/4/2014	Michael Curcio	204 Dykeman Road	Dickson	37055
Tennessee House of Representatives District 69	Democratic	11/4/2014	David A. Shepard	204 McCreary Heights	Dickson	37055
Tennessee House of Representatives District 70	Republican	11/4/2014	Barry Doss	66 Shoally Branch Drive	Leoma	38468
Tennessee House of Representatives District 71	Republican	11/4/2014	David "Coach" Byrd	302 Michael Drive	Waynesboro	38485
Tennessee House of Representatives District 72	Republican	11/4/2014	Steve K. McDaniel	97 Battleground Drive	Parkers Crossroads	38388
Tennessee House of Representatives District 73	Republican	11/4/2014	Jimmy Eldridge	29 Emerald Lake Drive	Jackson	38305
Tennessee House of Representatives District 73	Democratic	11/4/2014	Shelia L. Godwin	21 Godwin Road	Oakfield	38362
Tennessee House of Representatives District 74	Republican	11/4/2014	Jay D. Reedy	425 Coleman Lane	Erin	37061
Tennessee House of Representatives District 74	Democratic	11/4/2014	John C. Tidwell	158 Harbor Circle	New Johnsonville	37134
Tennessee House of Representatives District 75	Republican	11/4/2014	Tim Wirgau	245 Savannah Drive	Buchanan	38222
Tennessee House of Representatives District 75	Democratic	11/4/2014	Randy Patton	4481 Reynoldsburg Road	Camden	38320
Tennessee House of Representatives District 75	Independent	11/4/2014	James Hart	155 Spring Valley Lane	Buchanan	38222

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.





## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 76	Republican	11/4/2014	Andy Holt	461 Jewell Store Road	Dresden	38225
Tennessee House of Representatives District 76	Democratic	11/4/2014	Joyce Washington	780 Hyndover Road	Martin	38237
Tennessee House of Representatives District 77	Republican	11/4/2014	Bill Sanderson	3804 Concord Road	Kenton	38233
Tennessee House of Representatives District 78	Republican	11/4/2014	Mary Littleton	104 Stephen Nicks Drive	Dickson	37055
Tennessee House of Representatives District 78	Democratic	11/4/2014	Jane R. Crisp	1060 Highway 70	Pegram	37143
Tennessee House of Representatives District 79	Republican	11/4/2014	Curtis Halford	127 Old Dyer Trenton Road	Dyer	38330
Tennessee House of Representatives District 79	Democratic	11/4/2014	Bobby Barnett	995 McLin Extension	Humboldt	38343
Tennessee House of Representatives District 80	Democratic	11/4/2014	Johnny W. Shaw	1945 Russell Road	Bolivar	38008
Tennessee House of Representatives District 81	Republican	11/4/2014	Debra F. Moody	3176 Oil Mill Road	Covington	38019
Tennessee House of Representatives District 82	Democratic	11/4/2014	Craig Fitzhugh	135 South Alpine Street	Ripley	38063
Tennessee House of Representatives District 83	Republican	11/4/2014	Mark White	6820 Talisman Cove	Memphis	38119
Tennessee House of Representatives District 84	Democratic	11/4/2014	Joe Towns, Jr.	4528 St. Honore Drive	Memphis	38116
Tennessee House of Representatives District 85	Democratic	11/4/2014	Johnnie R. Turner	752 West Levi Road	Memphis	38109
Tennessee House of Representatives District 86	Republican	11/4/2014	George T. Edwards, III	1940 Locke Road	Millington	38053
Tennessee House of Representatives District 86	Democratic	11/4/2014	Barbara Cooper	668 Birthstone Avenue	Memphis	38109
Tennessee House of Representatives District 87	Democratic	11/4/2014	Karen Camper	4229 Oxford Park Drive	Memphis	38116
Tennessee House of Representatives District 88	Republican	11/4/2014	Harry Barber	6221 Frances Wood Drive	Bartlett	38135
Tennessee House of Representatives District 88	Democratic	11/4/2014	Larry J. Miller	1778 Overton Park Avenue	Memphis	38112
Tennessee House of Representatives District 89	Republican	11/4/2014	Roger Kane	7031 Cherry Grove Road	Knoxville	37931
Tennessee House of Representatives District 90	Democratic	11/4/2014	John J. DeBerry, Jr.	1207 Sledge Avenue	Memphis	38104
Tennessee House of Representatives District 91	Republican	11/4/2014	Samuel (Sam) Watkins	913 South Cox Street	Memphis	38104
Tennessee House of Representatives District 91	Democratic	11/4/2014	Raunesh A. Akbari	4276 Woodcrest Drive	Memphis	38111
Tennessee House of Representatives District 92	Republican	11/4/2014	Billy Spivey	1523 Cornersville Highway	Lewisburg	37091
Tennessee House of Representatives District 92	Democratic	11/4/2014	Vicki Cain	207 Hickory Drive	Lewisburg	37091
Tennessee House of Representatives District 93	Republican	11/4/2014	Colonel G. Billingsley	1018 Gordon Street	Memphis	38122
Tennessee House of Representatives District 93	Democratic	11/4/2014	G.A. Hardaway, Sr.	1167 Brower Street	Memphis	38111
Tennessee House of Representatives District 94	Republican	11/4/2014	Leigh Rosser Wilburn	940 Shinauld Road	Somerville	38068
Tennessee House of Representatives District 95	Republican	11/4/2014	Curry Todd	170 Legacy Farm Place, Apt. 102	Collierville	38017

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.





## Tennessee Secretary of State

Secretary of State Tre Hargett

Division of Elections  
Mark Goins, Coordinator of Elections

### Candidates for the November 4, 2014 General Election

Absent a candidate disqualification, the following is a list of candidates for the 2014 election cycle.

Office	Party	Election Date	Name	Address	City	Zip
Tennessee House of Representatives District 96	Republican	11/4/2014	Steve McManus	9406 Riveredge Drive	Cordova	38018
Tennessee House of Representatives District 96	Democratic	11/4/2014	Dwayne Thompson	8398 Shingle Oaks Drive	Cordova	38018
Tennessee House of Representatives District 97	Republican	11/4/2014	Jim Coley	2498 Kenwood Lane	Bartlett	38134
Tennessee House of Representatives District 98	Democratic	11/4/2014	Antonio Parkinson	4063 Twin Lakes Drive	Memphis	38128
Tennessee House of Representatives District 99	Republican	11/4/2014	Ron Lollar	7559 Olivia Hill Drive	Bartlett	38133

\* Currently, there is litigation pending as to whether the Constitution, Green, and Libertarian Parties will be listed on the November ballot. If listed, candidates for the Constitution and Green Parties have been nominated by convention/caucus method.

## State Election Commission Meeting Calendar for 2015

<b>Monday - January 12, 2015 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>
<b>Monday - April 6, 2015 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>
<b>Monday - April 13, 2015 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b> <u><b>Election of Chairman and Secretary for the term of June 1, 2015 through May 31, 2016.</b></u>
<b>June 7-9, 2015</b> <b>TACEO - Seminar</b>	<b>Music City Sheraton</b> <b>Nashville</b>
<b>Monday - July 13, 2015 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>
<b>Monday - October 12, 2015 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>

## State Election Commission Meeting Calendar for 2016

<b>Monday - January 11, 2016 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>
<b>Monday - April 11, 2016 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b> <u><b>Election of Chairman and Secretary for the term of June 1, 2016 through May 31, 2017.</b></u>
<b>Monday - July 11, 2016 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>
<b>June 2016</b> <b>TACEO - Seminar</b>	<b>Site to be determined</b> <b>Nashville</b>
<b>Monday - October 10, 2016 - NOON</b> <i>Nashville Room - 3<sup>rd</sup> Floor - Wm R. Snodgrass - TN Tower</i>	<b>State Election Commission Meeting</b>

# **PROCEDURES FOR CERTIFYING VOTING MACHINES BY THE TENNESSEE STATE ELECTION COMMISSION**

All voting machines/vendors must receive certification from the state election commission and the coordinator of elections before any voting machines or systems may be sold in the State of Tennessee.

## **First Step:**

Any interested vendor should submit a written request to the coordinator of elections and the state election commission requesting certification of your company together with the EAC certification number, a financial report and a list of all states that have already bought your voting machines or systems. If you would like to demonstrate your product at a meeting of the state election commission, please make that request in your letter. You will be notified of the date, time, and place of the meeting where you may make your presentation.

## **Second Step:**

### **A. Voting Machine Procedure**

Following verification of EAC certification and an initial presentation of your product and/or services, you would need to arrange for at least two (2) State Election Commissioners (of opposite parties) and the coordinator of elections (or designee) to view your machines or system in use in an election of a substantial size in another state. An election of a substantial size involves at the minimum the following characteristics:

- The jurisdiction has a population of at least 25,000 persons;
- The jurisdiction has at least two (2) or more district races on the ballots; and
- There are at least two (2) contested races involving both at large and district races on the ballot.

### **B. Voting Machine Software Systems Upgrade**

- EAC Certification;
- Presentation of software upgrade before State Election Commission at a monthly meeting; and
- Viewing of upgrade in another state (In lieu of viewing machine in another state, at the discretion of the State Election Commission, letters of recommendation from users in other jurisdiction may be used as support for approval.)

### **C. De Minimis Voting System Changes**

- Any De Minimis change to an EAC certified voting system shall be submitted to the state election commission and coordinator of elections to be approved. For purposes of approval of the de minimis change to the voting system, all that will be required is a letter from the EAC stating the change is de minimis, unless further information is requested by the state election commission or coordinator of elections.

## **Third Step:**

The State Election Commission must vote to certify the machine in order for the machines to be used in an election in Tennessee.

You may send any correspondence for both the state election commission and the coordinator of elections to the following address:

312 Rosa L.Parks Avenue, 7<sup>th</sup> Floor  
William R. Snodgrass Tower  
Nashville, Tennessee 37243  
(615) 741-7956

If you have any further questions regarding certification of your company, please feel free to contact the office of the state election coordinator at the phone number listed above.



# ELECTION Systems & Software

ES&S takes great pride in our opportunity to support clients with their election administration needs. Every election reinforces an important tradition valued across our county -- a citizen's right to vote. Our customers carry the responsibility to administer fair and accurate elections. They benefit from Election Systems & Software's unwavering pledge to support their needs.

To fulfill our promise, we assign teams of passionate, knowledgeable and talented election professionals to support the management of your elections. These individuals work diligently to help achieve a shared mission of **maintaining voter confidence and enhancing the voting experience**. We stand behind our work and guarantee our service; the quality is unrivaled. Providing our customers with trusted, quality and timely election services and products is our purpose, our promise and our passion.

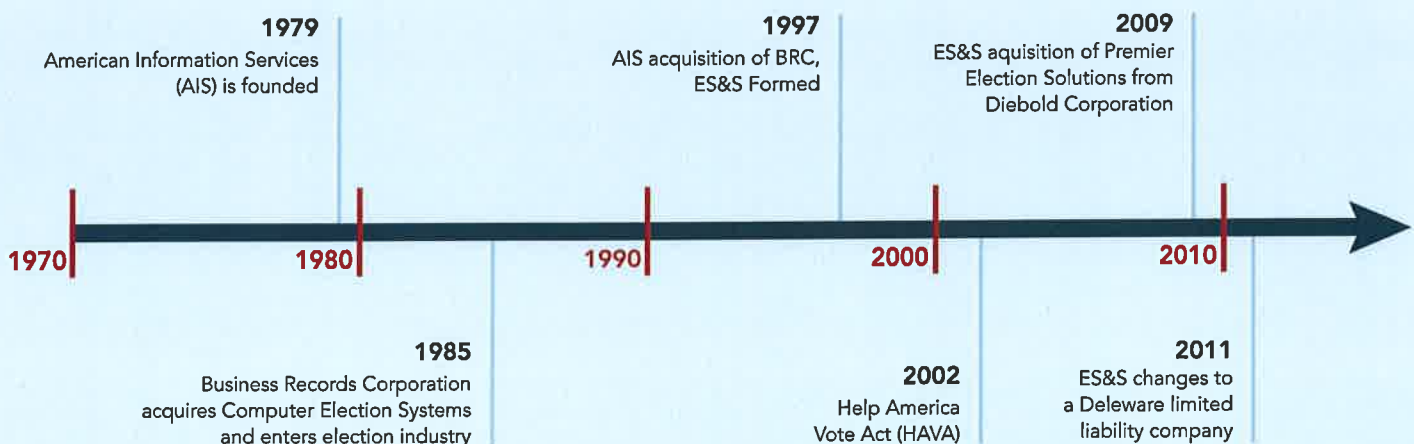


# History of Election Systems & Software

Election Systems and Software, LLC (ES&S) is the largest elections-only company in the world and has been providing election equipment, software, and services for more than 34 years. ES&S is a privately owned Delaware limited liability company that entered the elections industry when the development of optical mark reader technology was in its infancy. As shown in the timetable below, the company was initially formed and incorporated in 1979 as American Information Systems (AIS) and subsequently incorporated as Election Systems & Software, Inc. (ES&S) in 1997 upon its acquisition of the elections division of Business Records Corporation.

On September 2, 2009, ES&S acquired the assets of Premier Election Solutions, Premier-Canada, and DIMS from the parent company, Diebold, Inc. Pursuant to a settlement agreement with the Department of Justice, ES&S sold the Premier Intellectual Property to Dominion Voting Systems in 2010. In October 2011, ES&S changed its form of legal entity from a C-corporation to a Delaware limited liability company. ES&S corporate headquarters is located in Omaha, Nebraska.

The company employs over 450 election professionals located in 10 operating locations



## Our Business

Election Systems & Software entered the elections industry as a vote tabulation company. As election needs evolve, ES&S expands their offerings to consistently provide high-quality, innovative solutions—ultimately improving the democratic process. We pride ourselves on the ability to understand and manage all aspects of the election process. From voter registration and ballot layout to election night reporting, ES&S provides our customers with the most robust elections support in the world.

Today, we not only work with the same customers we've served for nearly 35 years, but our business has grown to serve four countries, and 41 states with more than 4,000 election offices.

## Sustainability

Defined as the ability to endure, the word "sustainability" has come to mean many things in the election industry. At ES&S, our role in sustainability primarily serves your need for reliable, timely equipment maintenance and certification of operability.







# electionware®

## election management system

Electionware® allows jurisdictions of all sizes to manage their elections through an easy-to-use interface. This agile election management system is the result of our nearly 35 years of election software leadership.

The election management system provides everything needed to run an election at every stage, enabling election administrators to:

- Create elections
- Design ballots
- Manage election results data
- Configure selected digital scanning and accessible equipment

Electionware's design accommodates the latest in election trends, such as early voting, super polls, and electronic ballot image management.

Electionware's ability to use data from past elections as well as built-in election and ballot templates eliminates the need to re-enter data or re-create templates with each new election. These powerful capabilities enable election administrators to create error-free elections in less time.



# Electionware Group Structure

## KEY FEATURES

### • EASE OF USE

Electionware is an intuitive, easy-to-use application that streamlines workflow and removes repetition.

### • SIMULTANEOUS MULTIUSER ACCESS

Electionware enables large jurisdictions to allow multiple authorized personnel to simultaneously create poll media devices. Additionally, multiple teams of election officials can work simultaneously on different elections.

### • DATA SECURITY

Electionware incorporates the latest in election security, including heightened audit controls and change management processes that are built in to keep election data safe and secure.

### • COMPLIANT WITH THE LATEST VOTING SYSTEM STANDARDS

Electionware is certified by the U.S. Election Assistance Commission (EAC) according to its 2005 Voluntary Voting Systems Guidelines.

## BENEFITS

### • POWER

Manages thousands of ballot styles and precincts; incorporates many languages; manages and deploys multiple levels of security

### • INTELLIGENCE

Real-time election data queries and reports; workflow management and error alerts; enforced data accuracy; user customization; tracking of election media; live status indicators for incoming results

### • PRODUCTIVITY

Fast data import; re-use of election and ballot layout templates; simple translation and audio file management; multiple simultaneous users; ballot image filtering, viewing, and printing



DEFINE

DESIGN

DELIVER

RESULTS

MANAGE





## UNIVERSAL VOTING SYSTEM



# ExpressVote®

### THE ES&S EXPRESSVOTE HANDLES IT ALL.

The ExpressVote Universal Voting System combines paper-based voting with touch screen technology to create an innovative breakthrough in voting solutions.

Used in early vote centers and on Election Day in precincts or vote centers, the ExpressVote handles the entire ballot-casting process. Election officials no longer have to guess the number of ballots to print — instead, an inexpensive Vote Session Activator™ card determines the ballot style presented on the touch screen.

ExpressVote can serve every eligible voter, including those with special needs. As a fully compliant ADA (Americans with Disabilities Act) voting solution, ExpressVote enables each voter to cast his or her ballot independently.





# Choose Leading-edge Technology

## KEY FEATURES

### VOTE SESSION ACTIVATOR

The voter receives a voting session activator card to begin the process. Election officials can choose from three options:

- If only one ballot is programmed for the election, a blank card activates the ballot.
- If the election has multiple ballots, a blank card requires a poll worker to select the correct ballot for the voter.
- If the election has multiple ballots, a card with an activation barcode displays the correct ballot for the voter.

### CASTING OPTIONS

The ExpressVote enables casting options. Voters can:

- Manually place ballots in the DS200 for scanning and tabulating.
- Use AutoCast® to place ballots into a secure container for later tabulation by an election official, who may use the DS850 central scanner and tabulator.

### VERIFIABLE PAPER RECORD

After all selections are made, a human- and machine-readable paper record is produced, including text and an optical scan barcode. All votes are digitally scanned for tabulation on ES&S' DS200 and DS850 devices.

### EASY TO SET UP AND USE

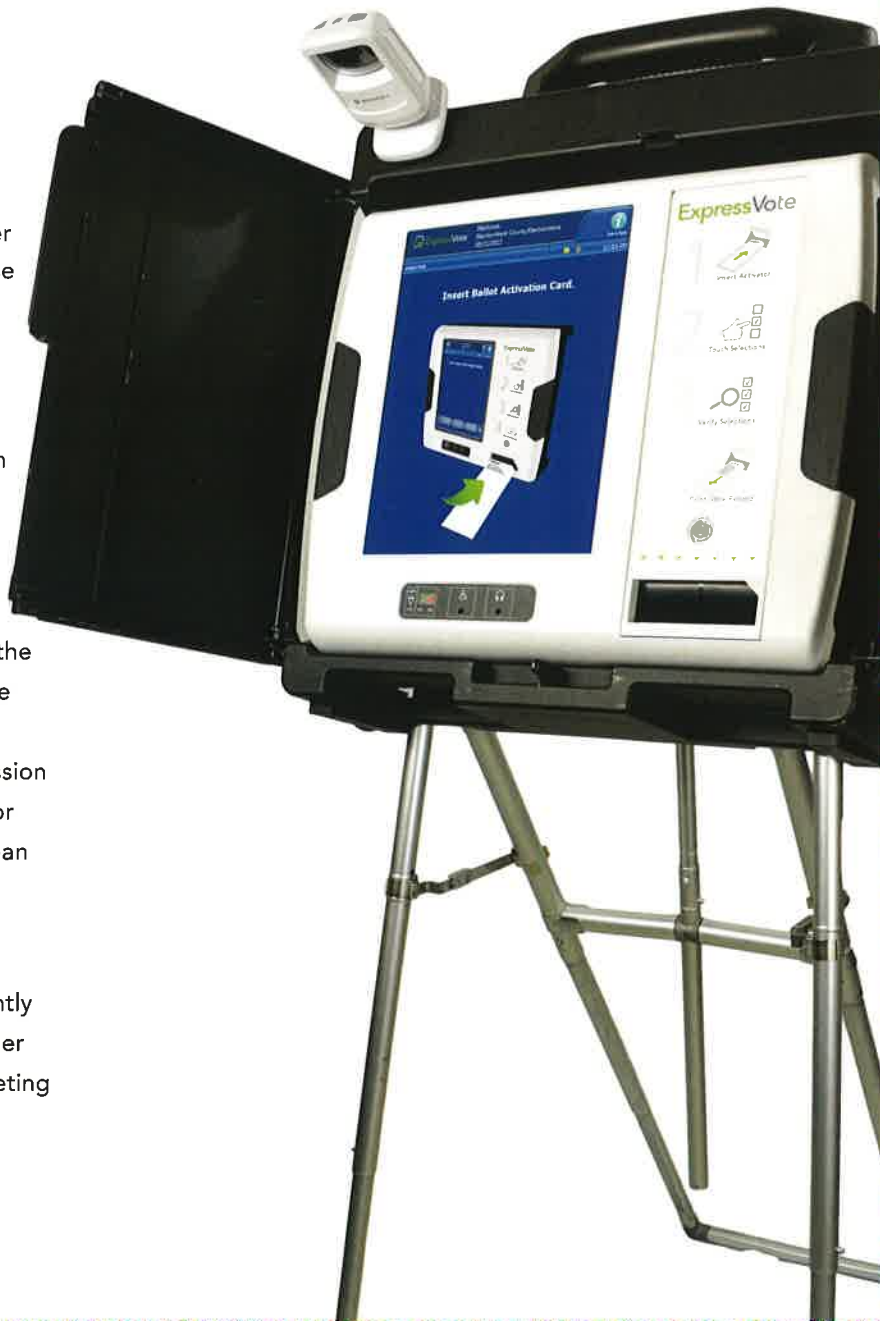
The one-step startup and poll-closing procedure makes the ExpressVote an ideal device for poll workers. The intuitive design offers streamlined simplicity for all voters, poll workers and election staff. The paper card is the vote session activator – there is no expensive technology to manage or program. The ExpressVote is small, lightweight at less than 20 pounds, and easy to carry.

### CONTROLLED AND REDUCED COSTS

Traditional ballot printing costs can be reduced significantly by eliminating the need and expense for pre-printed paper ballots. With low operation and maintenance fees, budgeting for recurring expenses with the ExpressVote is easy. The system does not use ink, toner, or paper rolls and consumes 70 percent less paper than traditional ballots.

### INNOVATIVE DESIGN

Complete and total independence is maintained while voters cast their own records. Voters review a summary page and can make changes before casting ballots. A voter's selection changes will not spoil the voting session. The system produces a verifiable paper record for each voter that is digitally scanned for tabulation. ExpressVote neither stores nor tabulates vote counts. The system is secure – the election definition media device is protected in a locked environment.



PRECINCT SCANNER & TABULATOR

# DS200<sup>®</sup>

## THE DS200<sup>®</sup> SCANNER AND TABULATOR – BECAUSE WHO WANTS TO BE STUCK INSIDE COUNTING BALLOTS?

The DS200 is a precinct-based ballot scanner and vote tabulator equipped with the latest in ES&S' patented technology to make your job easier. Fully certified and compliant with the latest federal Voluntary Voting Systems Guidelines, the DS200 enhances the voting experience for voters and officials alike.

Intelligent, integrated, digital, patented, flexible, easy to use, reliable, secure, certified, and accessible – the DS200 is the answer to your precinct-level election needs.





# Faster election results and greater voter confidence

## KEY FEATURES

### LARGE CAPACITY

Handles 450-plus precincts for early voting needs.

### SPEED

Completely processes both sides of a ballot in six seconds or less.  
Handles bent or folded ballots with ease.

### ACCESSIBILITY

Compatible with the ES&S AutoMARK® Americans with Disabilities Act (ADA)-compliant ballot-marking device.

### RELIABILITY

Battery backup in case of a power outage and thermal paper means you never have to worry about power outages or running out of printer ink.

### COMPATIBILITY

Works in conjunction with ES&S' Electionware® and Election Reporting Manager® software, ADA-compliant ballot marking devices (AutoMARK® or ExpressVote®), the DS850® central scanner and tabulator, and plastic or metal ballot bins to provide a complete end-to-end election solution.

### AVAILABLE OPTIONS

Wireless modem and capacity to send data via Secure File Transfer Protocol (SFTP); backup data storage in addition to primary data storage device.

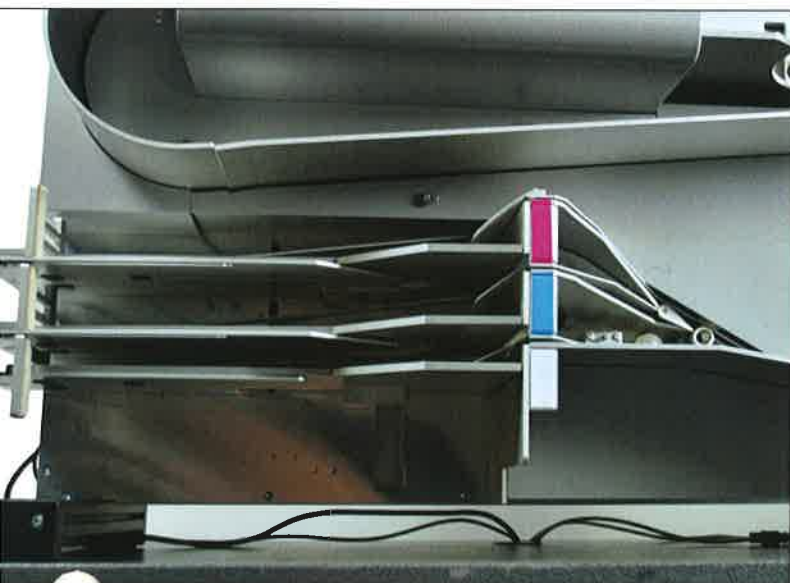


HIGH-SPEED SCANNER & TABULATOR

# DS850<sup>®</sup>

## THE DS850<sup>®</sup> - THE INDUSTRY LEADING HIGH-SPEED CENTRAL SCANNER AND TABULATOR.

The DS850 central scanner and tabulator is a high-speed digital ballot scanner and tabulator equipped with the latest ES&S technology to make your job easier. The DS850 system is the fastest central scanner in the industry. Fully certified and compliant with the latest federal Voluntary Voting Systems Guidelines, the DS850 enhances the voting experience for voters and election officials.





# Enhance the Voting Experience

## KEY FEATURES & BENEFITS

### SPEED

The DS850 can scan ballots of multiple sizes and handle folded and roughed-up ballots with ease. For example, the system can scan 14-inch double-sided ballots at the rate of 300 per minute with next to no ballot jams. The DS850 is three times faster than any other digital scanner on the market.

### EASE OF USE

The durable 15-inch color touch screen and user-friendly interface walk you through every step of the process.

### FLEXIBILITY

With three separate sorter bins, you can determine whether you want to set apart specific types of ballots for further review. Let the DS850 handle separating write-in votes, over-votes, and blank ballots – all without missing a beat.

### SECURITY

Safeguard your election data with the DS850's system integrity, electronic audits, data encryption, and digital signatures. Nearly 35 years of election industry experience makes ES&S the vendor you can trust.

### ACCURACY

ES&S' patented Intelligent Mark Recognition™ (IMR) and PTRACT™ technology ensure that ballots are read accurately and consistently, protecting voter intent and eliminating manual adjudication time.

PTRAC (Positive Target Recognition & Alignment Compensation) corrects for variations in ballot alignment and printing, allowing the digital scanners to zero in on the marking area. IMR then digitally subtracts the outline of the voting target to read only the voter's mark. Our competitors' optical scanners require you to set an arbitrary pixel threshold to determine what counts as a mark.

Instead, the DS850 does the work for you. To determine which marks were intentional, sophisticated algorithms analyze the mark's darkness (pixel density) and directionality. Unlike other scanners, the DS850 is not fooled by erasures or other stray marks.

Does the election require a recount? With the DS850, you get the same consistent and accurate results every time.





VOTER ASSIST TERMINAL

# AutoMARK

Election officials and organizations representing people with disabilities wanted to give voters with special needs the ability to mark their ballots independently and privately.

ES&S listened and developed the AutoMARK®, a ballot-marking system designed to provide autonomy to voters who are blind, visually impaired, or have a disability or condition that makes it difficult to traditionally mark a ballot. With its revolutionary technology, AutoMARK Voter Assist Terminal is the future of paper ballot marking.





# Future of Paper Ballot Marking is Here

## Key Features

### **AUTOCAST™**

Allows voters to cast ballots without assistance directly into a secure ballot box after verification

### **HASH CHECK**

Provides jurisdictions the opportunity to securely validate the firmware version

### **AUDIO FUNCTION**

- Voter hears list of candidates through headphones
- Synthesized voice enables voter control of speech speed and volume
- Choices may be repeated easily
- Selections are read back to voter at the end of session, ensuring proper selections was made

### **SUMMARY VERIFICATION PROCESS**

Ensures that no races are accidentally under-voted, over-voted, or left blank, providing voters the opportunity to adjust selections before casting their ballots

### **ZOOM FEATURE**

- Voters are able to increase font size displayed on the viewing touch screen
- Adjustable brightness contrast helps voters with limited vision or macular degeneration
- Compatible with current voting systems

### **SIP-AND-PUFF TUBE**

- Voters unable to use the touch screen or touch pad are able to vote autonomously





## Agenda

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- ❑ Introductions
  - ❑ Federal and State Certification
  - ❑ Product Overview
  - ❑ Product Enhancements
  - ❑ Optional Features/Products
  - ❑ Voting Method and Equipment Demonstration
  - ❑ Final Remarks
-



## Federal Certification



EVS 5.2.0.0 System	
ElectionWare	4.6.0.0
Election Reporting Manager	8.11.0.0
Event Log Service	1.5.5.0
Removable Media Service	1.4.5.0
ExpressVote	1.4.0.0
DS200 Precinct Tabulator	2.12.0.0
DS850 Central Tabulator	2.10.0.0
AutoMARK	1.8.6.0

- ✓ The EVS 5.2.0.0 Release is a modification to the previously EAC and Tennessee State certified EVS 5.0.0.0 Release
- ✓ ES&S' Release Objective: To add the ExpressVote Universal Voting System and make beneficial enhancements to ElectionWare, DS200, DS850, and AutoMARK products certified for use in EVS 5.0.0.0.
- ✓ Election Assistance Commission (EAC) Certified EVS 5.2.0.0 on July 2, 2014 for conformance to the *2005 Voluntary Voting System Guidelines (VVSG)*

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## Federal Certification – VSTL



- ✓ Voting System Testing Laboratory (VSTL) testing completed at National Technical Systems (NTS) in Huntsville, Alabama
- ✓ Successfully completed all VSTL requirements for TDP documentation, source code review, functional, and performance testing requirements.
  - Functional Configuration Audit (FCA)
  - Physical Configuration Audit (PCA)
  - Security Assessment
  - Hardware Assessment
  - Accuracy Test
    - VVSG Requirement to process 1, 549,703+ ballot positions without error
  - Temperature-Power Variation Test
    - Products in a environment with fluctuating temperatures and power for 85 hours.
  - Volume and Stress Test
  - System Integration

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## State Certification

### EVS 5.2.0.0

State Certified in 6 States

#### DS200

Since 2006, State Certified in 28 States

Utilized in 482+ Jurisdictions in 2013

#### DS850

Since 2010, State Certified in 23 States

Utilized in 26+ Jurisdictions in 2013

#### Expressvote

Since 2014, State Certified in 5 States

Utilized in 2 Jurisdictions in 2014 (Fairfax, VA & Caspio, ID)

#### AutoMARK

Since 2006, State Certified in 34 States

Utilized in 5028+ Jurisdictions in 2013



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## Product Overview

- ElectionWare
- DS200
- DS850
- ExpressVote
- AutoMARK

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## ElectionWare



### User Friendly

- Imbedded help guides and user status messages
- Ability to complete certain tasks via the menu option, button icons, or a 'right-click'
- Ability to preview Expressvote and AutoMARK presentation before burning election day media

### Accommodating to all jurisdictions

- Support for 9900 ballot styles
- Flexible layout options allows each ballot face to accommodate 1-5 columns

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## DS200 Precinct Tabulator



### Digital Scanning

- Scans 11, 14, 17, 19 inch paper ballots and Expressvote cards in any orientation
- Option to save images of all ballots, ballots that contain a write-in, or no ballots

### Security Controls

- Data Encryption and Digital Signatures to verify data authenticity
- Locked USB Housing for the inserted election definition

### Internal Battery Back-up

- Enclosed internal back-up battery to provide additional 2+ hours of power

### Touch Screen Interface

- Clear and simple on-screen messages guiding the voter through each voting session
- On-screen display of the public/protected count, admin menu, battery status, and help icon
- Allows user to preview reports on-screen prior to printing

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## DS850 Central Tabulator



### Digital Scanning

- Scans 11, 14, 17, 19 inch paper ballots and Expressvote cards in any orientation
- Option to save images of all ballots, only ballots that contain a write-in, or no ballots
- Network option to send results and files to the EMS server

### Security Controls

- Data Encryption and Digital Signatures to verify data authenticity
- Lockable and sealable USB housing

### Configurable Sorting Options

- Three configurable outstack bins for ballots containing write-ins, overvotes, undervotes, or blank ballots.

### Touchscreen Interface

- Provides help guides and user friendly messages
- Ability to preview any report prior to printing

### S-Curve Design

- Allows enough time for processing and sorting of ballots
- 22 rollers maintain control during the scanning process

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## ExpressVote



### Designed for ALL voters

- One device providing all voters with the same voting experience.

### Three functions in a single device:

1. Ballot presentation
2. Vote-capture (does not tabulate or keep voter's selections)
3. Print voter selections on verifiable paper record

### Touchscreen Interface

- Provides help guides and user friendly messages

### Fully ADA Compliant

- Navigation keypad, audio jack, support for ADA equipment (sip-n-puff)

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## ExpressVote Benefits

Feature	Benefit
Single card	<ul style="list-style-type: none"> <li>• Multiple page ballots on single card</li> <li>• No pre-printed ballots</li> <li>• No re-printing for last minute ballot changes</li> </ul>
Ballot Activation Card Printer	<ul style="list-style-type: none"> <li>• Fast, 3.5 sec. to print Activation Card to print</li> <li>• Fast voter throughput reducing wait time</li> <li>• No consumables</li> <li>• No PEB or activation technology to manage, program, maintain</li> <li>• Integrates easily with existing electronic pollbook</li> </ul>
Thermal printer technology	<ul style="list-style-type: none"> <li>• No consumables for poll worker to monitor or replace</li> <li>• No paper rolls, ink, toner, ribbon or other like supplies.</li> </ul>

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## AutoMARK Voter Assist Terminal (VAT)



### Fully ADA Compliant

- Navigation keypad, audio jack, support for ADA equipment (slp-n-puff)
- Supports the scanning, presenting, and printing of 11, 14, 17, and 19 Inch paper ballots Inserted In any orientation.

### Security Controls

- Completes an optional hash check on boot-up
- Lockable and sealable housing for the Compact Flash card

### Associated Software

- **VAT Previewer** allows a jurisdiction to preview the on-screen layout prior to burning the election definition onto the CF Card, saving time and effort.

### Simplified process

- No more AIMS – finalize your ballot content in ElectionWare-Paper Ballot, create/import audio files, and generate 'Accessible Equipment'.

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## EVS 5.2.0.0 Product Enhancements

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### Product Enhancements since the EVS 5.0.0.0 release

#### ✓ Electionware

- Addition of 'Contest Groups' – allows user to define which contests are tabulated and displayed on reports (recount support)
- Optimized throughput – added a 'vacuum' command in the manage menu to free up space on the ElectionWare database.
- Import/view Cast Vote Records (CVRs)
- Added support for the ExpressVote audio and presentation

#### ✓ AutoMARK Voter Assist Terminal (VAT)

- Removed unused text/prompts from system firmware
  - Added support for non-English fonts
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## EVS 5.2.0.0 Product Enhancements

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### Product Enhancements since the EVS 5.0.0.0 release

#### ✓ DS200 Precinct Tabulator

- Hardware v. 1.3 - New motherboard, scanner board, 1GB DRAM = faster throughput
- Ballot handling enhancements – beveled CIS to guide ballot
- Improved performance – streamlined 'Insert your Ballot' animation; logging process
- Clearer instructions to the pollworkers and voters for ballots set to query

#### ✓ DS850 Central Tabulator

- All 3 outstack bins are configurable – In the EVS 5.0.0.0 release, only write-ins sorted to the middle bin
  - Added a 'Print All' icon for printing by-precinct results. Several reporting enhancements
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## Agenda (Revisited)

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- ✓ Introductions
  - ✓ Federal and State Certification
  - ✓ Product Overview
  - ✓ Product Enhancements
  - ✓ Optional Features/Products
  - ✓ Voting Method and Equipment Demonstration
  - **Final Remarks – Any Questions?**
- 

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United States Election Assistance Commission



## Certificate of Conformance

**ES&S EVS 5.2.0.0**

The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the 2005 *Voluntary Voting System Guidelines (2005 VVG)*. Components evaluated for this certification are detailed in the attached Scope of Certification document. This certificate applies only to the specific version and release of the product in its evaluated configuration. The evaluation has been verified by the EAC in accordance with the provisions of the *EAC Voting System Testing and Certification Program Manual* and the conclusions of the testing laboratory in the test report are consistent with the evidence adduced. This certificate is not an endorsement of the product by any agency of the U.S. Government and no warranty of the product is either expressed or implied.

Product Name: EVS

Model or Version: 5.2.0.0

Name of VSTL: NTS Huntsville

EAC Certification Number: ESSEVS5200

Date Issued: 7/2/2014

Chief Operating Officer & Acting Executive Director  
U.S. Election Assistance Commission

Scope of Certification Attached



**Manufacturer:** Election Systems & Software  
**System Name:** EVS 5.2.0.0  
**Certificate:** ESSEVS5200

**Laboratory:** NTS Huntsville  
**Standard:** VVSG 1.0(2005)  
**Date:** July 2, 2014



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## Scope of Certification

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This document describes the scope of the validation and certification of the system defined above. Any use, configuration changes, revision changes, additions or subtractions from the described system are not included in this evaluation.

### Significance of EAC Certification

An EAC certification is an official recognition that a voting system (in a specific configuration or configurations) has been tested to and has met an identified set of Federal voting system standards. An EAC certification is **not**:

- An endorsement of a Manufacturer, voting system, or any of the system's components.
- A Federal warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.
- A substitute for State or local certification and testing.
- A determination that the system is ready for use in an election.
- A determination that any particular component of a certified system is itself certified for use outside the certified configuration.

### Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

### System Overview:

ES&S EVS 5.2.0.0 is comprised of the ExpressVote, AutoMARK Voter Assist Terminal (AutoMARK A100, A200 & A300), DS200 Precinct Digital Scanner (DS200), DS850 high-speed Central Count Digital Scanner, ElectionWare, Election Reporting Manager (ERM), ES&S Event Log Service, Removable Media Service (RMS), ExpressVote Previewer and VAT Previewer.

- The ExpressVote is a universal vote capture device designed for all voters, with independent voter-verifiable paper record that is digitally scanned for tabulation. This system combines paper-based voting with touch screen technology. The ExpressVote includes a mandatory vote summary screen that requires voters to confirm or revise selections prior to printing the summary of ballot selections using the internal thermal

printer. Once printed, ES&S ballot scanners process the vote summary card. The ExpressVote can serve all voters, including those with special needs, allowing voters to cast ballots autonomously. ES&S has fully integrated the ExpressVote with the existing suite of ES&S voting system products.

- AutoMARK Voter Assist Terminal enables voters who are visually or physically impaired and voters more comfortable reading or hearing instructions and choices in an alternative language to privately mark optical scan ballots. The AutoMARK supports navigation through touchscreen, physical keypad or ADA support peripheral such as a sip and puff device or two position switch.
- DS200 digital scanner is a paper ballot tabulator designed for use as a polling place scanner. After the voter makes their selections on their paper ballot, their ballot is inserted into the unit for immediate tabulation. Both sides of the ballot are scanned at the same time using a high-resolution image-scanning device that produces ballot images.
- The DS850 is a high-speed, digital scan central ballot counter that uses cameras and imaging algorithms to capture voter selections on the front and back of a ballot, evaluate results and then sort ballots into discrete bins without interrupting scanning. A dedicated audit printer generates a continuous event log. Machine level reports are produced from a second, laser printer. The scanner saves voter selections and ballot images to an internal hard disk and exports results to a USB Memory stick for processing with Election Reporting Manager.
- ElectionWare integrates the election administration functionality into a unified application. Its intended use is to define an election and create the resultant media files used by the ExpressVote, DS200 tabulator, AutoMARK™ Voter Assist Terminal (VAT), the DS850 Central Ballot Scanner, and Election Reporting Manager (ERM). An integrated ballot viewer allows election officials to view the scanned ballot and captured ballot data side-by-side and produce ballot reports.
- ES&S Event Log Service is a Windows Service that runs in the background of any active ES&S Election Management software application to monitor the proper functioning of the Windows Event Viewer. The ES&S Event Log Service closes any active ES&S software application if the system detects the improper deactivation of the Windows Event Viewer.
- The ExpressVote Previewer is an application within the EMS program that allows the user to preview audio text and screen layout prior to burning Election Day media for the ExpressVote.
- The VAT Previewer is an application within the EMS program that allows the user to preview audio text and screen layout prior to burning Election Day media for the AutoMARK™.
- Removable Media Service (RMS) is an application that runs in the background of the EMS client workstation and supports the installation and removal of election and results media.
- Election Reporting Manager (ERM) generates paper and electronic reports for election workers, candidates, and the media. Jurisdictions can use a separate ERM installation to display updated election totals on a monitor as ballot data is tabulated, and send the results' reports directly to the media outlets.

ERM supports accumulation and combination of ballot results data from all ES&S tabulators. Precinct and accumulated total reports provide a means to accommodate candidate and media requests for totals and are available upon demand. High-speed printers are configured as part of the system accumulation/reporting stations PC and related software.

### Mark definition:

ES&S' declared level mark recognition for the DS200 and DS850 is a mark across the oval that is 0.2" long x 0.03" wide at any direction.

### Tested Marking Devices:

Bic Grip Roller Pen

### Language capability:

EVS 5.2.0.0 supports English, Spanish, Chinese, Korean and Japanese ballot languages.

### Components Included:

This section provides information describing the components and revision level of the primary components included in this Certification.

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
ExpressVote	1.4.0.0	1.0		Vote Capture Device
DS200	2.12.0.0	1.2.1, 1.2.3, 1.3		Precinct Digital Scanner
AutoMARK A100	1.8.6.0	1.0		ADA Ballot Marking Device
AutoMARK A200	1.8.6.0	1.1, 1.3		ADA Ballot Marking Device
AutoMARK A300	1.8.6.0	1.3		ADA Ballot Marking Device
DS850	2.10.0.0	1.0		Central Count Scanner, high-speed
Ballot Box Hardware		1.2, 1.3		Plastic ballot box
Ballot Box Hardware		1.0, 1.1, 1.2		Metal ballot box with/without diverter
Election Ware	4.6.0.0			
Election Reporting Manager (ERM)	8.11.0.0			
ES&S Event Log Service	1.5.5.0			
VAT Previewer	1.8.6.0			
Removable Media Service	1.4.5.0			
EMS Reporting Workstation		Dell Optiplex 980		

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
EMS Server		Dell PowerEdge T710		
EMS reporting Laptop		Dell Latitude E6410		
Ballot on Demand Printer		C9650		
DS850 Report Printer		OKI B430dn & Oki B431dn		Laser report printer
DS850 Audit Printer		Oki Microline 420		Dot Matrix Printer
Headphones		Avid FV-060		
USB Flash Drive		Delkin 512MB		
USB Flash Drive		Delkin 4GB		
USB Flash Drive		Delkin 8 GB		
USB Flash Drive		Delkin 1 GB		
USB Flash Drive		Delkin 2 GB		
Compact Flash		Delkin Devices 1.0 GB capacity		



## System Limitations

This table depicts the limits the system has been tested and certified to meet.

System Characteristic	Boundary or Limitation		Limiting Component
Max. precincts allowed in an election	9900		ERM
Max. count for any precinct element	500,000 (65,500 from any tabulator media)		ERM report (ERM results import)
Max. candidates allowed per election	Depends on election content (limited by 21,000 maximum counters) <sup>1</sup>		ERM
Max. contests allowed in an election	Depends on election content (limited by 21,000 maximum counters) <sup>2</sup>		ERM
Max. counters allowed per precinct	Limits candidates and contests assigned to a precinct to 1,000 <sup>3</sup>		ERM
Max. contests allowed per ballot style	200 or number of positions on ballot		N/A
Max. candidates (ballot choices) allowed per contest	175		ERM (database create)
Max. number of parties allowed	General election: 75 Primary election: 20 (including nonpartisan party)		ERM (database create)
Max. 'vote for' per contest	98		ERM (database create)
Ballot formats	All paper ballots used in an election must be the same size and contain the number of response rows.		Ballot scanning equipment
Max. Ballot Styles	9900		ERM
Max. District Types/Groups	20		ERM
Max. districts of a given type <sup>4</sup>	40		ERM
Supported Languages	<ul style="list-style-type: none"> <li>English</li> <li>Spanish</li> <li>Chinese</li> </ul>	<ul style="list-style-type: none"> <li>Korean</li> <li>Japanese</li> </ul>	System Configuration

<sup>1</sup> Calculation of the number of counters must include a minimum of 4 counters for each contest, 3 overhead (overvote, undervote, precincts counted) and at least 1 candidate. Additional contest candidates each add a counter. If some precincts are defined as Absentee, a fourth overhead counter (absentee precincts counted) must be added to each contest. The number of statistical counters (Ballots Cast, Registered voters) must be added to the contest counters to determine the total counters.

<sup>2</sup> Example of maximum contest calculation if all contests had 2 candidates (5 counters each, 3 overhead counters + 2 candidates) and there were 10 statistical counters (i.e. Ballots Cast-Total, Republican, Democratic, Libertarian, Nonpartisan and Registered Voters-Total, Republican, Democratic, Libertarian, Nonpartisan.  $(21000-20)/5 = 4196$  or  $(\text{counter limit} - \text{statistics} \times 2) / \text{number of counters/contest} = \text{number of contests}$ .

<sup>3</sup> Contest counters are calculated as indicated in footnote 1, but two counters must be added for each statistical counter defined for the precinct. There are a minimum of 3 statistic counters assigned to each precinct (six added counters), "Ballots Cast," "Registered Voters" and "Ballots Cast Blank."

<sup>4</sup> Excludes the Precinct Group which contains all precincts.

## Component Limitations:

### Paper Ballot Limitations

1. The paper ballot code channel, which is the series of black boxes that appear between the timing track and ballot contents, limits the number of available ballot variations depending on how a jurisdiction uses this code to differentiate ballots. The code can be used to differentiate ballots using three different fields defined as: Sequence (available codes 1-26,839), Type (available codes 1-30) or Split (available codes 1-40).
2. If Sequence is used as a ballot style ID, it must be unique election-wide and the Split code will always be 1. In this case the practical style limit would be 26,000.

### DS200

1. The ES&S DS200 configured for an early vote station does not support precinct level results reporting. An election summary report of tabulated vote totals is supported.

### AUTOMARK Voter Assist Terminal

1. ES&S AutoMARK capacities exceed all documented limitations for the ES&S election management, vote tabulation and reporting system. For this reason, Election Management System and ballot tabulator limitations define the boundaries and capabilities of the AutoMARK system as the maximum capacities of the ES&S AutoMARK are never approached during testing

### ElectionWare

1. ElectionWare capacities exceed the boundaries and limitations documented for ES&S voting equipment and election reporting software. For this reason, ERM and ballot tabulator limitations define the boundaries and capabilities of ElectionWare system.

### ExpressVote

1. ExpressVote capacities exceed all documented limitations for the ES&S election management, vote tabulation and reporting system. For this reason, Election Management System and ballot tabulator limitations define the boundaries and capabilities of the ExpressVote system as the maximum capacities of the ES&S ExpressVote are never approached during testing.

### Election Reporting Manager (ERM)

1. Election Reporting Manager requires a minimum monitor screen resolution of 800x600.
2. ERM Database Create allows 1600 Precincts per Ballot Style.
3. There is a limit of 3510 precincts in the precincts counted/not counted display.
4. There is a limit of 3000 precincts in the precincts counted/not counted scrolling display.
5. Contest/Precinct selection pop up display limited to 3000 contests/precincts.

6. Non-English characters are not supported in ERM. This has to do with the creation of the XML results file out of ERM.
7. ERM's maximum page size for reports is 5,000 pages.

## Functionality

### 2005 VVSG Supported Functionality Declaration

Feature/Characteristic	Yes/No	Comment
Voter Verified Paper Audit Trails		
VVPAT	No	
Accessibility		
Forward Approach	Yes	
Parallel (Side) Approach	Yes	
Closed Primary		
Primary: Closed	Yes	
Open Primary		
Primary: Open Standard (provide definition of how supported)	Yes	
Primary: Open Blanket (provide definition of how supported)	No	
Partisan & Non-Partisan:		
Partisan & Non-Partisan: Vote for 1 of N race	Yes	
Partisan & Non-Partisan: Multi-member ("vote for N of M") board races	Yes	
Partisan & Non-Partisan: "vote for 1" race with a single candidate and write-in voting	Yes	
Partisan & Non-Partisan "vote for 1" race with no declared candidates and write-in voting	Yes	
Write-In Voting:		
Write-in Voting: System default is a voting position identified for write-ins.	Yes	
Write-in Voting: Without selecting a write in position.	Yes	
Write-in: With No Declared Candidates	Yes	
Write-in: Identification of write-ins for resolution at central count	Yes	
Primary Presidential Delegation Nominations & Slates:		
Primary Presidential Delegation Nominations: Displayed delegate slates for each presidential party	No	
Slate & Group Voting: one selection votes the slate.	No	
Ballot Rotation:		
Rotation of Names within an Office; define all supported rotation methods for location on the ballot and vote tabulation/reporting	Yes	
Straight Party Voting:		
Straight Party: A single selection for partisan races in a general election	Yes	
Straight Party: Vote for each candidate individually	Yes	
Straight Party: Modify straight party selections with crossover votes	Yes	
Straight Party: A race without a candidate for one party	Yes	
Straight Party: N of M race (where "N">1)	Yes	
Straight Party: Excludes a partisan contest from the straight party selection	Yes	
Cross-Party Endorsement:		
Cross party endorsements, multiple parties endorse one candidate.	Yes	



Feature/Characteristic	Yes/No	Comment
Split Precincts:		
Split Precincts: Multiple ballot styles	Yes	
Split Precincts: P & M system support splits with correct contests and ballot identification of each split	Yes	
Split Precincts: DRE matches voter to all applicable races.	No	
Split Precincts: Reporting of voter counts (# of voters) to the precinct split level; Reporting of vote totals is to the precinct level	Yes	It is possible to list the number of voters.
Vote N of M:	Yes	
Vote for N of M: Counts each selected candidate, if the maximum is not exceeded.	No	
Vote for N of M: Invalidates all candidates in an overvote (paper)	No	
Recall Issues, with options:		
Recall Issues with Options: Simple Yes/No with separate race/election. (Vote Yes or No Question)	Yes	
Recall Issues with Options: Retain is the first option, Replacement candidate for the second or more options (Vote 1 of M)	Yes	
Recall Issues with Options: Two contests with access to a second contest conditional upon a specific vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
Recall Issues with Options: Two contests with access to a second contest conditional upon any vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	Overturned - US District Court 7/29/03: CA Election Code sect. 11383
Cumulative Voting		
Cumulative Voting: Voters are permitted to cast, as many votes as there are seats to be filled for one or more candidates. Voters are not limited to giving only one vote to a candidate. Instead, they can put multiple votes on one or more candidate.	No	
Ranked Order Voting		
Ranked Order Voting: Voters can write in a ranked vote.	No	
Ranked Order Voting: A ballot stops being counting when all ranked choices have been eliminated	No	
Ranked Order Voting: A ballot with a skipped rank counts the vote for the next rank.	No	
Ranked Order Voting: Voters rank candidates in a contest in order of choice. A candidate receiving a majority of the first choice votes wins. If no candidate receives a majority of first choice votes, the last place candidate is deleted, each ballot cast for the deleted candidate counts for the second choice candidate listed on the ballot. The process of eliminating the last place candidate and recounting the ballots continues until one candidate receives a majority of the vote	No	
Ranked Order Voting: A ballot with two choices ranked the same, stops being counted at the point of two similarly ranked choices.	No	

Feature/Characteristic	Yes/No	Comment
Ranked Order Voting: The total number of votes for two or more candidates with the least votes is less than the votes of the candidate with the next highest number of votes, the candidates with the least votes are eliminated simultaneously and their votes transferred to the next-ranked continuing candidate.	No	
Provisional or Challenged Ballots		
Provisional/Challenged Ballots: A voted provisional ballots is identified but not included in the tabulation, but can be added in the central count.	Yes	
Provisional/Challenged Ballots: A voted provisional ballots is included in the tabulation, but is identified and can be subtracted in the central count	Yes	
Provisional/Challenged Ballots: Provisional ballots maintain the secrecy of the ballot.	Yes	
Overvotes (must support for specific type of voting system)		
Overvotes: P & M: Overvote invalidates the vote. Define how overvotes are counted.	Yes	
Overvotes: DRE: Prevented from or requires correction of overvoting.	No	
Overvotes: If a system does not prevent overvotes, it must count them. Define how overvotes are counted.	Yes	
Overvotes: DRE systems that provide a method to data enter absentee votes must account for overvotes.	No	
Undervotes		
Undervotes: System counts undervotes cast for accounting purposes	Yes	
Blank Ballots		
Totally Blank Ballots: Any blank ballot alert is tested.	Yes	
Totally Blank Ballots: If blank ballots are not immediately processed, there must be a provision to recognize and accept them	Yes	
Totally Blank Ballots: If operators can access a blank ballot, there must be a provision for resolution.	Yes	
Networking		
Wide Area Network – Use of Modems	No	
Wide Area Network – Use of Wireless	No	
Local Area Network – Use of TCP/IP	No	
Local Area Network – Use of Infrared	No	
Local Area Network – Use of Wireless	No	
FIPS 140-2 validated cryptographic module	No	
Used as (if applicable):		
Precinct counting device	Yes	DS200
Central counting device	Yes	DS850

Change ID	Date	Component	Description	Inclusion
ECO 1609	6/23/14	DS200 Carry Case	Replaced DS200 mounting rail on carry case	De Minimis Optional

COPY

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## State of Tennessee



**State Election Commission**  
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(731) 668-2700

Tom Wheeler  
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Kent D. Younce  
423 Fairway Drive  
Lafollette, TN 37766  
(423) 871-0245

October 14, 2014

Lori Atchley, Administrator of Elections and  
Sumner County Election Commissioners  
355 North Belvedere Drive, Room 106  
Gallatin, TN 37066-5410

Dear Mrs. Atchley,

The State Election Commission (SEC) met on October 13, 2014. During the meeting it was brought to our attention your county is using a specific colored t-shirt for poll officials to wear when working the polls and during early voting. The SEC requests that the Sumner County Election Commission cease this practice.

Should you have any questions, you may reach me at (423) 736-3219.

Sincerely,

A handwritten signature in cursive script, reading "Judy H. Blackburn".

Judy Blackburn, Chairman  
State Election Commission



**State of Tennessee**  
**PUBLIC CHAPTER NO. 880**

**SENATE BILL NO. 1999**

**By Yager**

Substituted for: House Bill No. 2320

**By Powers**

AN ACT to amend Tennessee Code Annotated, Section 2-2-137 and Section 2-2-138, relative to voter registration systems.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF TENNESSEE:

SECTION 1. Tennessee Code Annotated, Section 2-2-137(c), is amended by deleting the subsection in its entirety and by substituting instead the following:

(c) Beginning January 1, 2015, the coordinator of elections and the state election commission shall certify each voter registration system for purchase and use in the state. Subject to the concurrence of the state election commission, the coordinator of elections may make rules and policies as are necessary to carry out this subsection (c). In determining whether a voter registration system may be certified, the coordinator of elections and the state election commission shall consider, at a minimum, the following:

- (1) The compatibility of the voter registration system with any statewide system being operated by the secretary of state's office;
- (2) The history of ethical conduct in the sales of the voter registration system by the manufacturer or seller; and
- (3) The ability of the manufacturer or seller of the voter registration system to provide adequate professional assistance and service to the counties of the state.

SECTION 2. Tennessee Code Annotated, Section 2-2-138(b), is amended by designating the existing language as subdivision (b)(1) and by adding the following language:

(2) The list, and any other voter registration information, shall be the property of the county election commission and the state. Any vendor of the county election commission having access to the voter registration data shall only use such data to service the county election commission and shall be prohibited from using such data other than for purposes of assisting the county election commission and the coordinator of elections. Non-authorized use by the vendor of the data shall constitute a Class B misdemeanor and grounds for decertification by the state election commission.

SECTION 3. This act shall take effect upon becoming law, the public welfare requiring it.



SENATE BILL NO. 1999

PASSED: April 14, 2014

  
\_\_\_\_\_  
RON RAMSEY  
SPEAKER OF THE SENATE

  
\_\_\_\_\_  
BETH HARWELL, SPEAKER  
HOUSE OF REPRESENTATIVES

APPROVED this 1st day of May 2014

  
\_\_\_\_\_  
BILL HASLAM, GOVERNOR